

In the Claims

The claims have been amended as follows:

1-19. Cancelled.

20. (currently amended) A method of autonomic building and updating access control for referenced databases in documents sent via email by an originator to addressees, comprising:

dynamically updating an access control list of said addressees for said originator of said email; tracking distribution routes of said documents in a repository;
providing a request to said originator and a response from said originator to any of said addressees for approving, altering, or rejecting the access of said referenced databases in said documents; and

~~The method of claim 1 including~~ deploying process software for updating access control for referenced databases in documents sent via email by an originator to addressees, said deployment comprising:

installing said process software on at least one server;

identifying server addresses for users accessing said process software on said at least one server;

installing a proxy server if needed;

sending said process software to said at least one server via a file transfer protocol, or sending a transaction to said at least one server containing said process software and receiving and copying said process software to said at least one server's file system;

accessing said process software on a user's client computer file system; and
executing said process software by said users.

21. (previously presented) The method of claim 20 wherein said step of installing said process software further comprises:

determining if programs will reside on said at least one server when said process software is executed;
identifying said at least one server that will execute said process software; and
transferring said process software to said at least one server's storage.

22. (previously presented) The method of claim 20 wherein said step of accessing said process software includes having said at least one server automatically copying said process software to each client computer, running an installation program at each client computer, and executing said installation program on said client computer.

23. (previously presented) The method of claim 20 wherein sending said process software to said users via email further comprises identifying said users and addresses of said client computers.

24. (previously presented) The method of claim 20 wherein said step of executing said process software by said users includes sending said process software to directories on said client computers.

25. (previously presented) The method of claim 20 wherein said step of accessing said process software comprises sending said process software to users via email.

26. (currently amended) A method of autonomic building and updating access control for referenced databases in documents sent via email by an originator to addressees, comprising:

dynamically updating an access control list of said addressees for said originator of said email; tracking distribution routes of said documents in a repository; and
providing a request to said originator and a response from said originator to any of said addressees for approving, altering, or rejecting the access of said referenced databases in said documents; and

~~The method of claim 1 including~~ integrating process software for updating access control for referenced databases in documents sent via email by an originator to addressees, said integration comprising:

determining if said process software will execute on at least one server;

identifying said at least one server address, including checking said at least one server for operating systems, applications, network operating systems, or version numbers for validation with said process software, and identifying any missing software applications that are required for integration;

updating said operating systems, said applications, or said network operating systems that are not validated for said process software, and providing any of said missing software applications required for said integration;

identifying client addresses and checking said client's computers for operating systems, applications, network operating systems, or version numbers for validation with said process software, and identifying any missing software applications that are required for integration;

updating said client's computers with said operating systems, said applications, or said network operating systems that are not validated for said process software, and providing any of said missing software applications required for said integration; and

installing said process software on said client's computers and said at least one server.

27. (currently amended) A method of autonomic building and updating access control for referenced databases in documents sent via email by an originator to addressees, comprising:

dynamically updating an access control list of said addressees for said originator of said email; tracking distribution routes of said documents in a repository; and providing a request to said originator and a response from said originator to any of said addressees for approving, altering, or rejecting the access of said referenced databases in said documents; and

~~The method of claim 1 including on demand sharing of process software for updating access control for referenced databases in documents sent via email by an originator to addressees, said on demand sharing comprising:~~

creating a transaction containing unique customer identification, requested service type, and service parameters;
sending said transaction to at least one main server;
querying said server's central processing unit capacity for adequate processing of said transaction; and
allocating additional central processing unit capacity when additional capacity is needed to process said transaction, and adding said additional central processing unit capacity to said server, or checking environmental capacity for processing said transaction, including network bandwidth, processor memory, or storage, and allocating said environmental capacity as required.

28. (previously presented) The method of claim 27 further comprising recording usage measurements including network bandwidth, processor memory, storage, or said central processing unit cycles.

29. (previously presented) The method of claim 27 further comprising summing said usage measurements, acquiring a multiplicative value of said usage measurements and unit costs, and recording said multiplicative value as an on demand charge to a requesting customer.

30. (previously presented) The method of claim 27 further comprising posting said on demand charge on a web site if requested by said requesting customer, or sending said demand charge via email to said requesting customer's email address.

31. (previously presented) The method of claim 27 further comprising charging said on demand charge to said requesting customer's account if an account exists and said requesting customer selects a charge account payment method.

32. (currently amended) A method of autonomic building and updating access control for referenced databases in documents sent via email by an originator to addressees, comprising:

dynamically updating an access control list of said addressees for said originator of said email; tracking distribution routes of said documents in a repository; and
providing a request to said originator and a response from said originator to any of said addressees for approving, altering, or rejecting the access of said referenced databases in said documents; and

~~The method of claim 1 including~~ deploying, accessing, and executing process software for updating access control for referenced databases in documents sent via email by an originator to addressees through a virtual private network, said method further comprising:

determining if said virtual private network is required;

checking for remote access of said virtual private network;

if said remote access does not exist, identifying a third party provider to provide

secure, encrypted connections between a private network and remote users,

identifying said remote users, and setting up a network access server for

downloading and installing desktop client software for remotely accessing said

virtual private network;

accessing said process software;

transporting said process software to said remote user's desktop; and

executing said process software on said remote user's desktop.

33. (previously presented) The method of claim 32 further comprising:

determining if said virtual private network is available for site-to-site access, or

installing equipment required to establish said site-to-site virtual private network,

and installing large scale encryption into said virtual private network; and

accessing said process software on said site-to-site configuration.

34. (previously presented) The method of claim 32 wherein said step of accessing said process software further comprises dialing into said network access server or attaching directly via a cable or DSL modem into said network access server.